

# Smart Flow Control

Intelligent rainwater management for your green roofs!



## Flood protection

Smart Flow Control proactively regulates water drainage: depending on the fill level, the system opens even before typical rainfall occurs, creating storage space in good time and allowing the accumulated precipitation to be stored in a controlled manner. This helps prevent flooding and ensures compliance with discharge restrictions – making an active contribution to the protection of property and infrastructure.



## Focus on sustainable irrigation

The Smart Flow Control system ensures that as much precipitation as possible is stored in the retention chamber. The available water is drawn into the substrate by capillary action and used for sustainable irrigation of the green roof.



## What is Smart Flow Control (SFC)?

Smart Flow Control is an intelligent throttle that monitors the water level of a retention roof and regulates the outflow—networked and fully automatic. The system processes the current weather forecast to make optimal use of the storage capacity in the water retention boxes.

Get in touch with us!



# Because every drop counts!

No flooding, more greenery!

## Your benefits at a glance:



### Water retention & storage

Smart Flow Control enables dual use of the retention volume – both for flood prevention and the long-term storage of rainwater.



### Runoff reduction & flood protection

Automated outflow management ensures maximum flood protection and relieves pressure on the sewer system.

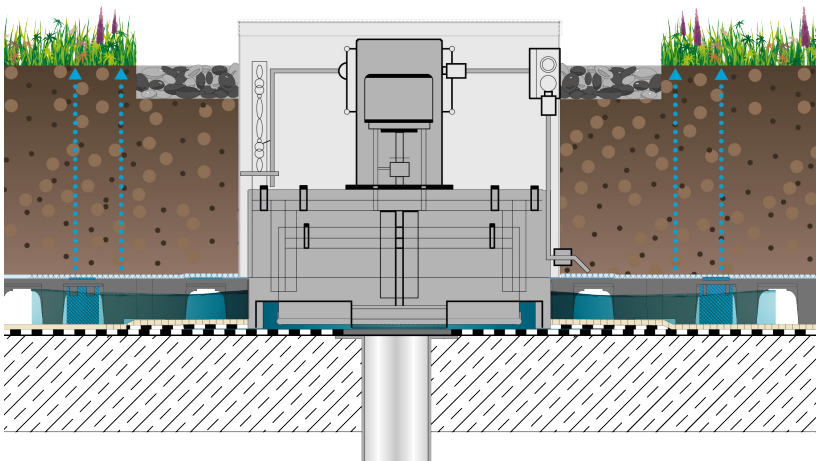


### Evaporative cooling

The green roof helps cool its surroundings thanks to high evaporation rates – contributing to urban climate adaptation and solutions to the heat problem in cities.

## Who is SFC suitable for?

- residential projects
- Commercial and industrial buildings with flat roofs
- Commercial and industrial buildings
- For specifications regarding discharge quantities or target water balances



## Technical data

- Dimensions (installed):  
L x W x H = 60 x 60 x 50 cm
- Weight: approx. 15 kg
- Power supply: 230 V

## Where can SFC be used?

- Retention roofs (flat roofs without slope using WRB – WRB 80F, WRB 85, WRB 95 or WRB 170 retention boxes)
- Warm roofs and uninsulated roofs
- Green roofs (extensive & intensive) as well as trafficable roofs

