

# Fact Sheet Stormwise Flow Regulation Chamber

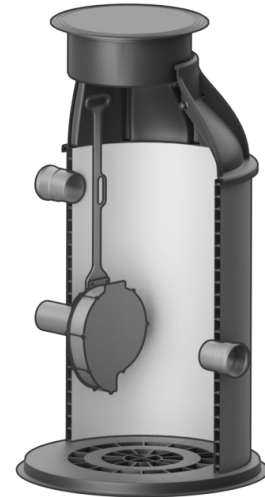
## Effective solution for stormwater flow regulation

### Sustainment of a steady flow rate

The GF Stormwise flow regulation chamber is used to keep the outgoing flow from a retention tank or pond on a steady (pre-defined) value, independent from the water level in the tank or pond. The maximum outgoing flow rate is determined by the height of the water level inside the technical chamber. The water level inside the technical chamber is determined by the position of the overflow at the technical chamber body.

Water flows into the technical chamber body through the inlet. The flow regulator then creates a vortex through its shape affecting the flow as the circulating water works as a push-back force. Water then flows out through the outlet at the desired flow rate. Overflowing water is discharged through the overflow.

A service handle facilitates maintenance work.



#### Compliant with local regulations

Accelerates your project timeline and simplifies approvals by authorities.



#### Complete and prefabricated

Saves up to 50% installation time and reduces risks for installation errors.



#### Controlled flow

Allows up to 30% reduction of retention volume to save costs.

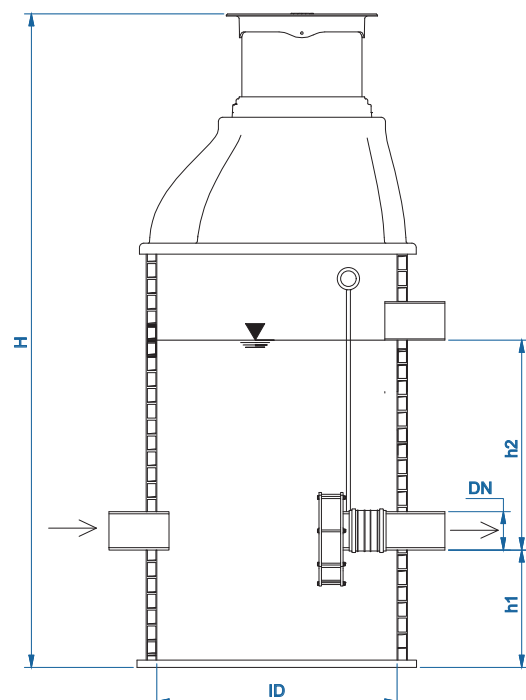


#### Convenient and accessible

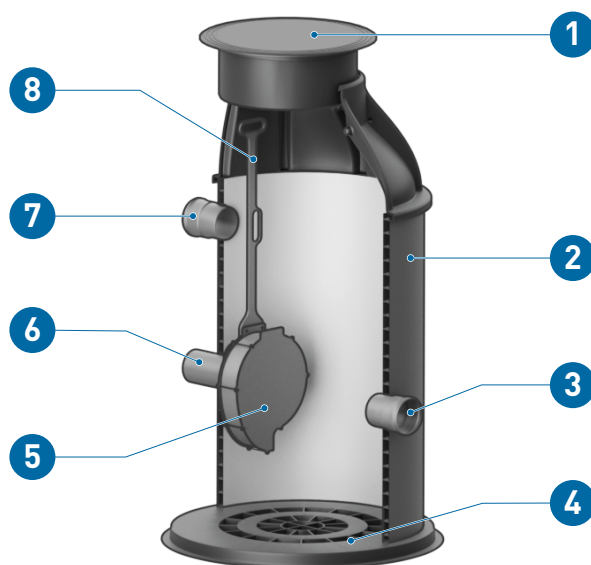
For reliable operation and easy maintenance.

## Technical data

|  |                                 |
|--|---------------------------------|
| <b>Application</b>                         | Flow regulation of stormwater   |
| <b>Material (body)</b>                     | PE 100                          |
| <b>Color</b>                               | Black (outside), white (inside) |
| <b>Ring stiffness</b>                      | SN2, SN4, SN8, or by agreement  |
| <b>Anchoring</b>                           | Self-anchoring base plate       |
| <b>Inner diameter (ID)</b>                 | 800 - 1200 mm                   |
| <b>Height (H)</b>                          | Customizable                    |
| <b>In/out diameter (DN)</b>                | 100 - 300 mm                    |
| <b>Outlet position above base (h1)</b>     | 1040 - 1600 mm                  |
| <b>Overflow position above outlet (h2)</b> | 1040 - 1600 mm                  |
| <b>Standards</b>                           | EN 13476<br>EN 13598            |



# Components



| Pos. | Designation               | Pos. | Designation    |
|------|---------------------------|------|----------------|
| 1    | Technical chamber top     | 5    | Flow regulator |
| 2    | Technical chamber body    | 6    | Outlet         |
| 3    | Inlet                     | 7    | Overflow       |
| 4    | Self-anchoring base plate | 8    | Service handle |

## Customizable components

- Technical chamber size
- Inlet and outlet dimensions
- Riser height
- Technical chamber top types

## Technical chamber top types and sizes (selection)

| Type A  | Type B  | Type C  | Type D  | Type E  |
|---|---|---|---|---|
| ø860/800<br>With safety gate  | 600x600 metal<br>800x800 metal  | ø600 GE 40tn<br>ø630 GE 40tn  | ø630 GE 40tn<br>ø800 GE 40tn  | ø600 no lid<br>ø800 no lid<br>ø1000 no lid  |
|  |  |  |  |  |

## Optional components

- Overflow outlet

## Item number

| Item no.    | Description             |
|-------------|-------------------------|
| 35001138353 | Flow regulation chamber |



**Speak to an expert**  
 Discover how Stormwise solutions can transform your stormwater management.  
[www.gfps.com/stormwise](http://www.gfps.com/stormwise)

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