

Fact Sheet Stormwise Sluice Gate Chamber

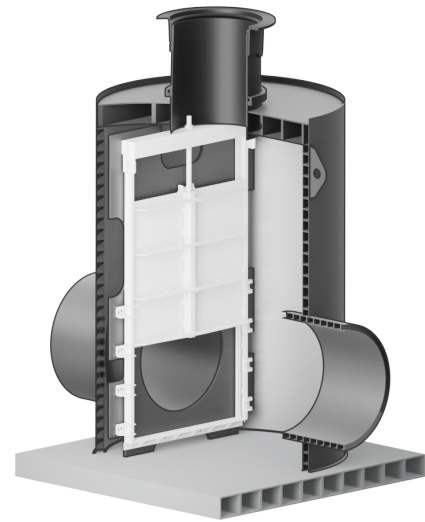
Effective solution for stormwater level management

Regulation of water levels

The GF Stormwise sluice gate chamber is a technical chamber for the regulation of water levels in rivers, lakes and canals by opening or closing an outlet. The sluice gate chamber acts as a control mechanism that allows water levels to be adjusted by letting water flow in or out of the water body. A sluice gate chamber is typically used in areas where there is a need to maintain constant or predetermined water levels to prevent flooding or water shortage.

Water flows into the technical chamber body through the inlet. The water flow is stopped when the sluice gate is closed and the water level in the water body increases. The water flow continues when the sluice gate is opened and the water level in the water body decreases.

The sluice gate chamber can be optionally motorized and controlled from distance or autonomously by alarm or other triggers. For example, a fire alarm can trigger the closing of the chamber ensuring that contaminated fire extinguishing water does not escape the site.



Controllable and flexible

For safe and precise operation of volume and flow in your system.



Complete and prefabricated

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



Counterbalanced with an oversized self-anchoring bottom plate

Allowing flexible placement, even in high ground water.

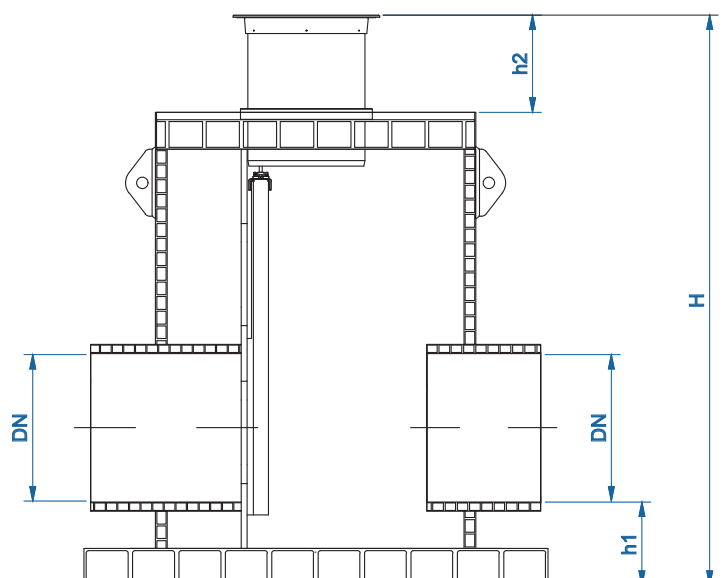


Convenient and accessible

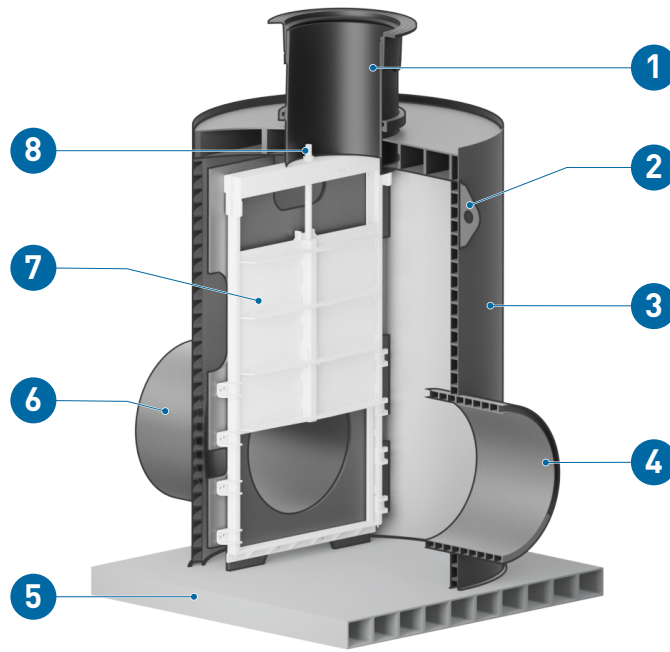
For reliable operation and easy maintenance.

Technical data

Application	Water level control
Material (body)	PE 100
Color	Black (outside), white (inside)
Ring stiffness	SN2, SN4, SN8, or by agreement
Anchoring	Self-anchoring base plate
Inner diameter (ID)	800 - 2400 mm
Height (H)	1150 - 4200 mm
Connection diameter (DN)	300 - 1400 mm
Connection height (h1)	250 - 400 mm
Technical chamber top height	≥500 mm
Standards	EN 13476 EN 13598



Components



Pos.	Designation	Pos.	Designation
1	Technical chamber top	5	Self-anchoring base plate
2	Lifting yoke	6	Inlet
3	Technical chamber body	7	Sluice gate
4	Outlet	8	Sluice gate rod

Customizable components

- Technical chamber size
- Connection 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 With safety gate	600x600 metal 800x800 metal	ø600 GE 40tn ø630 GE 40tn	ø630 GE 40tn ø800 GE 40tn	ø600 no lid ø800 no lid ø1000 no lid
				

Optional components

- Motorized opening/closing

Item number

Item no.	Description
35001138352	Sluice gate chamber



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www.gfps.com/stormwise

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