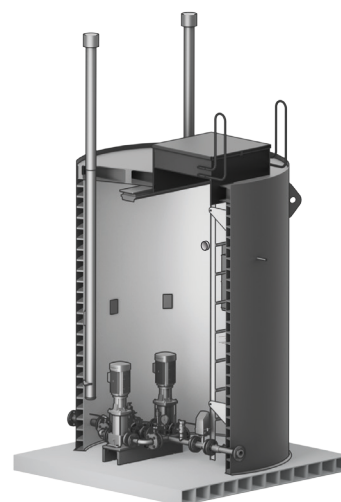


Fact Sheet Flowise Pressure Boosting Station

Inline pressure control for uninterrupted water distribution

Efficient stabilization of water pressure in the network

The pressure boosting station increases the pressure in a water pipeline when the pressure from the water tower is insufficient to supply water to consumers. This is commonly needed in areas located on high ground, far from the water tower, or in regions without a water tower in the water system. The pressure boosting station can be placed as an inline unit raising the pressure of the incoming water. The pressure boosting station can also be integrated into a low reservoir. The pressure boosting station often contains other equipment such as flow meters, valves, sampling points, chlorination points and UV-disinfection.



Up to 70 % faster installation*

Pre-assembled, plug-and-play design reduces installation time, labor, and site disruption.

*compared to traditional materials such as concrete



Safe installation in high groundwater conditions

Oversized Weholite® bottom provides counterweight stability—no additional anchoring required.



Watertight by design

Leak-tight chamber keeps components dry, preventing corrosion and minimizing maintenance.



Up to 100-year service life

Durable polyethylene chamber ensures outstanding long-term performance.

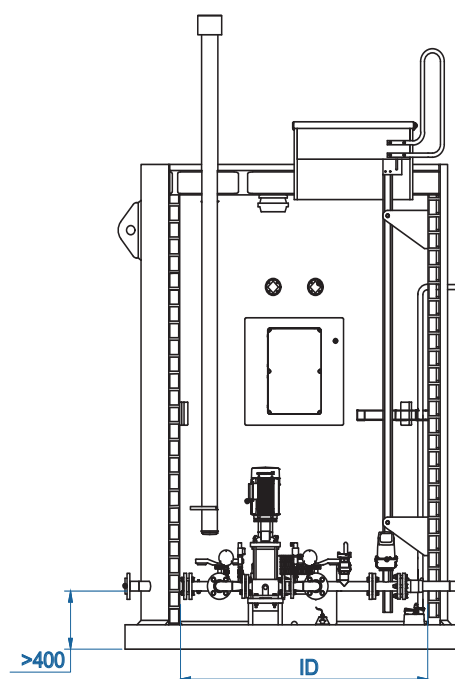


Peace of mind

Expert engineering with high-quality GF components.

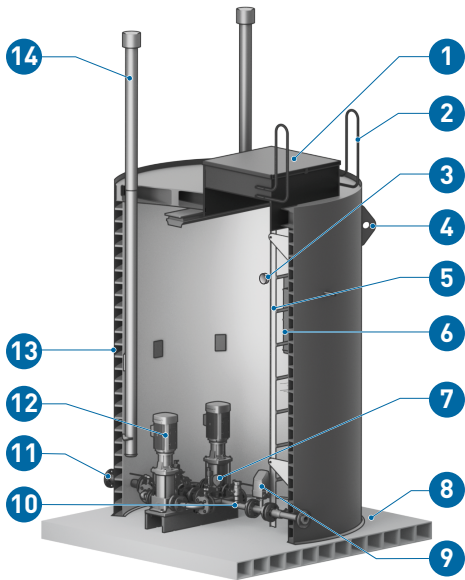
Technical data

Application	Potable Water System
Material	PE 100
Color	Black (outside), white (inside)
Medium	Water
Temperature ambient	- 40 °C to 50 °C
Temperature material	0 °C to 40 °C
Ring stiffness	SN2, SN4, SN8 or by agreement
Technical chamber body inner diameter (ID)	Customizable
Pump variants	Customizable
Nominal pressure PN	Up to PN 16
Anchoring variants	Self-anchoring base plate
Approvals	National Attestation of Conformity of the Hygienic Suitability of Drinking Water (DVGW-Konformitätsbestätigung Hygiene)
Standards	EN 13598, EN 13476 (tanks/chambers), EN 1074 (valves), EN 12201 (piping), EN 1092 (flanges)
Local regulations	Germany: DVGW Codes of Practice



Components

Pos.	Designation
1	Technical chamber top
2	Handrail (optional)
3	Cable passing
4	Lifting yoke (optional)
5	Ladder (optional)
6	Electrical cabin installation plate (optional)
7	Heater (optional)
8	Self-anchoring base plate
9	Flow meter (optional)
10	Internal piping
11	Pressure pipe
12	Pump
13	Technical chamber body PE 100
14	Ventilation pipe DN 100 (optional)



Customizable components

- Technical chamber body PE 100 dimensions
- Technical chamber top type and size
- Flow meter (DN)
- Pressure pipe (DN)
- Pump (type, Q l/s @ kPa, kW, A)
- Cable passing (DN 100, other)
- Pipes (DE)
- Internal piping setup
- Valve variant (butterfly valve, gate valve, ball valve, project-specific)
- Riser height

Technical chamber dimensions								
ID [mm]	1000	1200	1400	1600	2000	2400	3000	other

Technical chamber top types and sizes (selection)				
Type A	Type B	Type C	Type D	Type E
ø860/800 Safety gate	600x600 metal 800x800 metal	ø600 CI 40tn ø630 CI 40tn	ø630 CI 40tn ø800 CI 40tn	ø600 no lid ø800 no lid ø1000 no lid

Optional components

- Ladder
- Lifting yoke
- Flow meter
- Handrail
- Ventilation pipe DN 100
- Light LED
- Electrical cabin installation plate
- Heater
- Floor pump

Item number

Item no.	Description
35001140528	Pressure boosting station



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your safe and clean water delivery.
www.gfps.com/flowise

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