



# Uponor Flowise: Reservoir Tank



Made of drinking water approved material.

Evens out daily load variations for a smooth and stable water transportation to consumers.

Is an important reserve in the event of service interruptions to consumers, industries, and farms. A reserve for firefighting.

Robust design. Easy to inspect and maintain.

Can be delivered ready for installation up to 200 m<sup>3</sup>.



## Reservoir Tank

Reservoirs are used to store drinking water both at the water works and out on the mains.

A reservoir placed in a low zone requires a pressure boosting station to ensure that the water is transported in the pipe network.

A reservoir placed in a high zone enables the water to be transported using the water pressure difference from the reservoir and the consumer. It also ensures a stable pressure level at the consumers locations.

Application	Potable Water System
Material	HDPE (tank body)
Dimension (ID)	1000 – 4000 mm
Colour	Black (outside) Light gray (inside)
Standards	-
Approvals	Nordic Poly Mark (up to ID 3000 mm)

# Properties and assortment

## System properties

Individually designed for the use case. Available options listed in the *Uponor Flowise Weholite Water Tank* type drawing.

Two-body construction that secures tightness.

Pressure boosting station may be integrated in design for low zone placements.

Water level sensor may be integrated in design.

Lockable door in metal or plastic.

Can be delivered ready for installation up to 200 m<sup>3</sup>. Bigger tanks are completed on site by Uponor personnel.

## Reservoir Tank

Uponor no 1140527

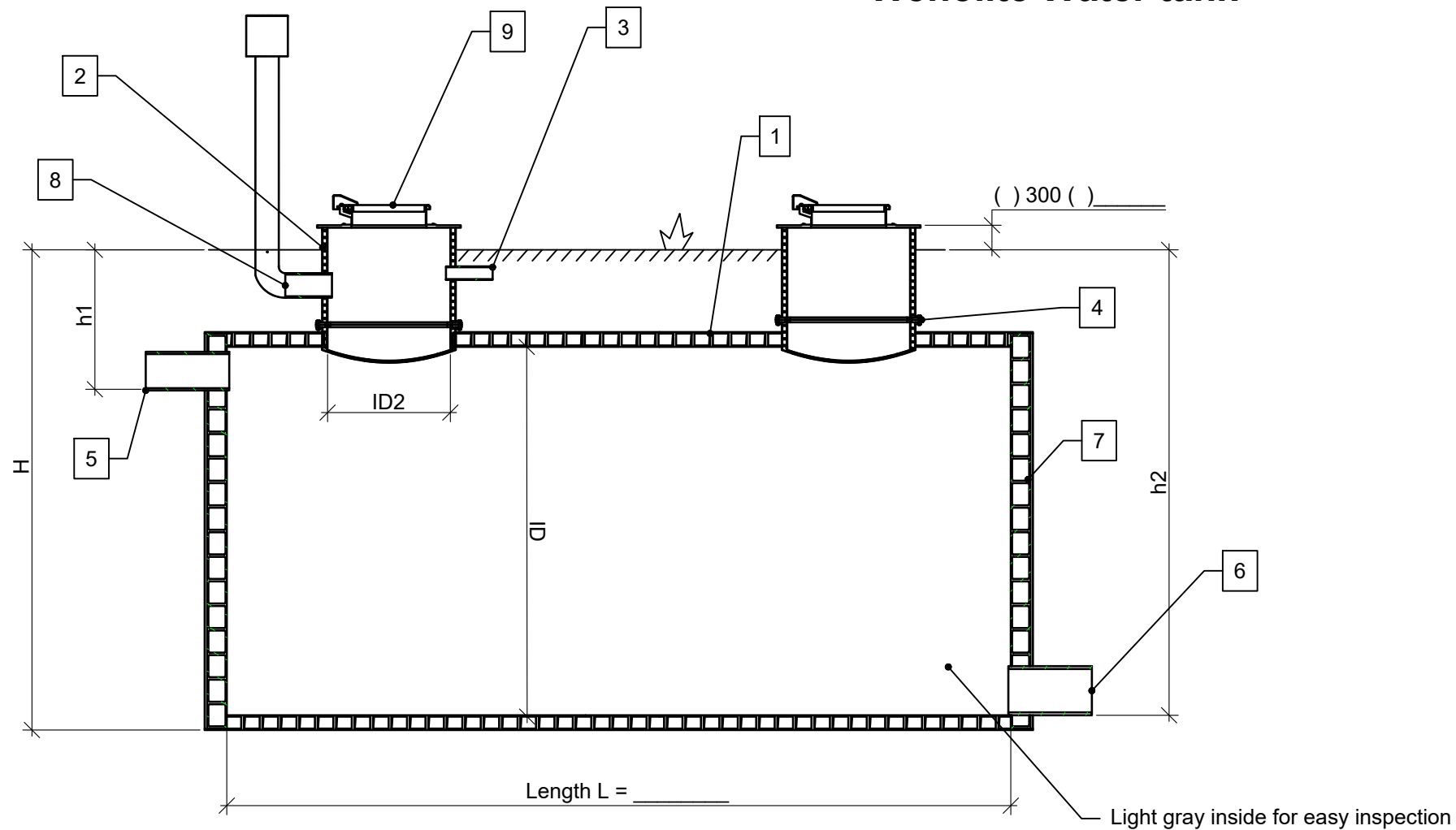


Reservoir Tank with machine room and empty tank



Reservoir Tank with machine room and water level illustrated

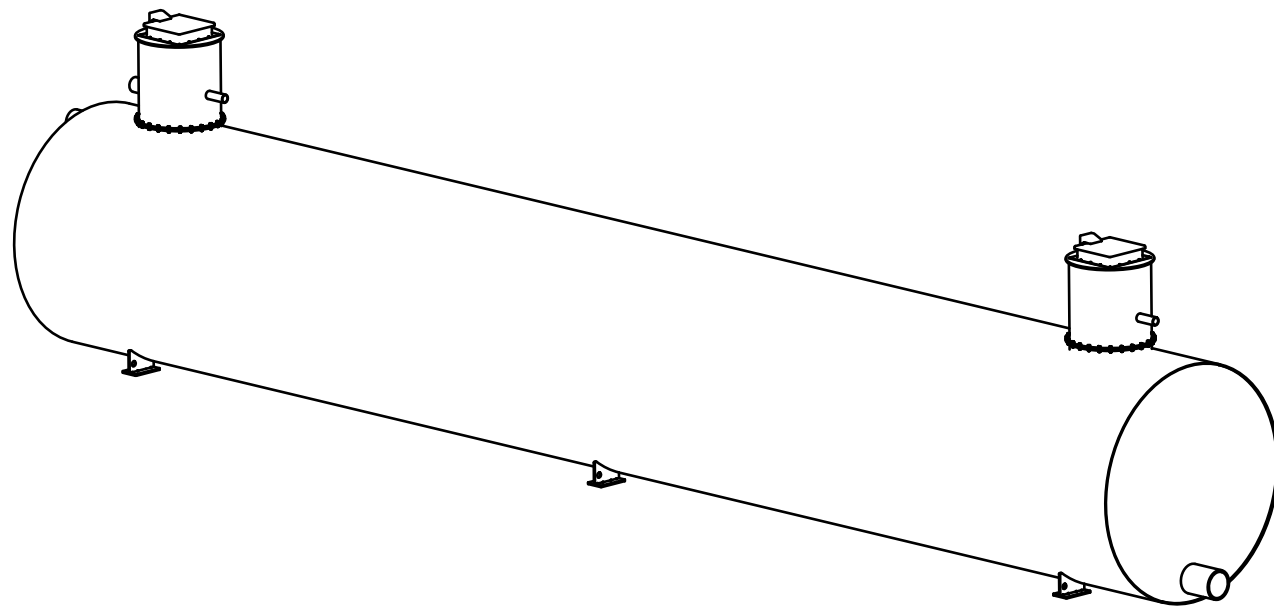
## Uponor Flowise Weholite Water tank



Inlet, outlet and overflow connectio types and equipment according to separate plan.

Wet volume calculation:

- Total tank body volume
- Volume to overflow invert (brim)
- Volume to 10% under overflow invert (brim)



Weholite Water tank			
Pos.	Description	Model/Size	Qty.
1	Tank body PE100	Acc. selection	1
2	Riser pipes	( ) ID 1000 ( ) _____	
3	Electrical cable passing	DN100 / _____	
4	Riser bolted connection	( ) *For high risers	
5	Inlet	Acc. selection	
6	Outlet	Acc. selection	
7	WehoPanel endclosure		2
8	Ventilation	Acc. selection	
9	Lid	Insulated lockable aluminium lid	

Selections	
Feature	Selection
Tank volume	_____ m <sup>2</sup>
Tank body diameter	( ) 1000 ( ) 1200 ( ) 1400 ( ) 1600 ( ) 2000 ( ) 2400 ( ) 3000 ( ) 3400 ( ) 3500 ( ) Other: _____
Top solution	Insulated lockable aluminium lid
Ladder*	( ) YES ( ) NO
Groundwater level above invert	( ) NO ( ) YES _____ m
Handrail*	( ) YES ( ) NO
Inlet pipe diameter & h1	DN_____ / h1= _____ mm
Outlet pipe diameter & h2	DN_____ / h2 = _____ mm
Ventilation type and qty	( ) DN 100 Aisi 304 ( ) Amphyvent 125
Level swith / transmitter	( ) YES ( ) NO
Overflow	( ) YES ( ) NO

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CASE NUMBER	DRAWN BY	HANDLED BY
DATE	CONTACT PERSON	
09.08.2023	---	
CONTENT		
Weholite Water tank		
SCALE	NUMBER	
1:50 (A3)	1140527-1	

# Moving > Water

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