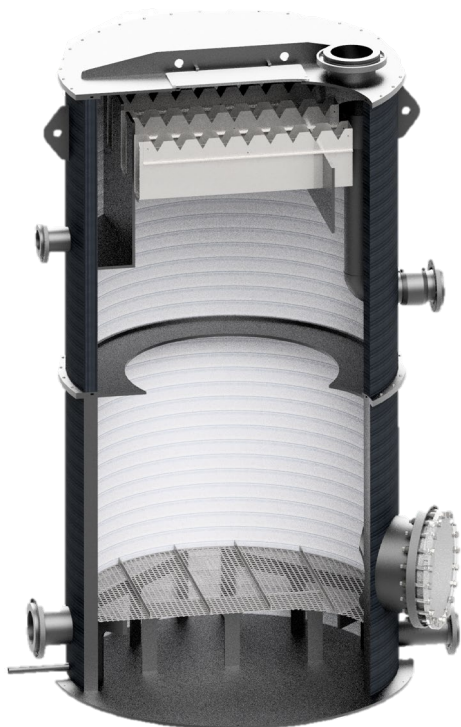


**Uponor Flowise: Aeration Tank**  
**Technical Datasheet**

**uponor**



# Uponor Flowise: Aeration Tank



Made of drinking water approved material.

Ensures effective aeration with counter-blowing through filter media.

Reduces carbon dioxide and odors.

Reduces the levels of many unwanted substances in the water, such as iron, manganese, and hydrogen sulfide.

Two inspection hatches: at the tank top and on the tank side.

## Aeration Tank

One of the most common methods for removing iron and manganese from the water is through aeration and then filtration, and diligent backwashing.

Iron and manganese create discoloration and bad taste of the water and can also cause clogging of small dimension valves etc.

Aeration reduces carbonic acid and the pH value increases. Aeration reduces the levels of many unwanted substances in the water.

Note! PFAS, pesticides etc. are not reduced.

Application	Potable Water System
Material	PE100 (tank body)
Dimension (ID)	2000 – 3500 mm
Colour	Black (outside) Light gray (inside)
Standards	-
Approvals	-

# Properties and assortment

## System properties

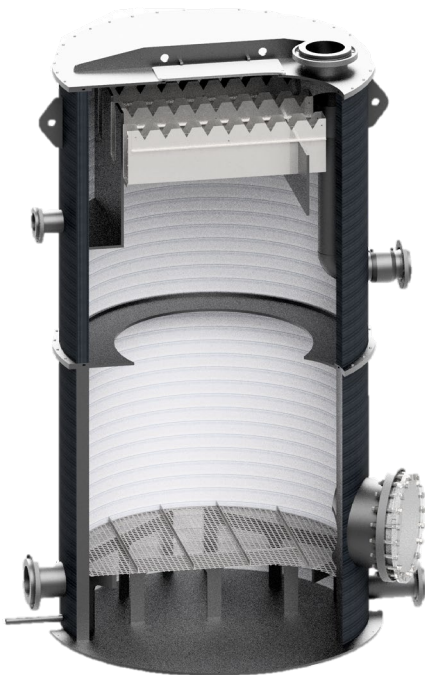
Individually designed for the use case. Available options listed in the *Uponor Flowise Aeration Tank* type drawing.

May be delivered in sections to enable installation in confined spaces.

Increases water pH value before any alkalization steps.

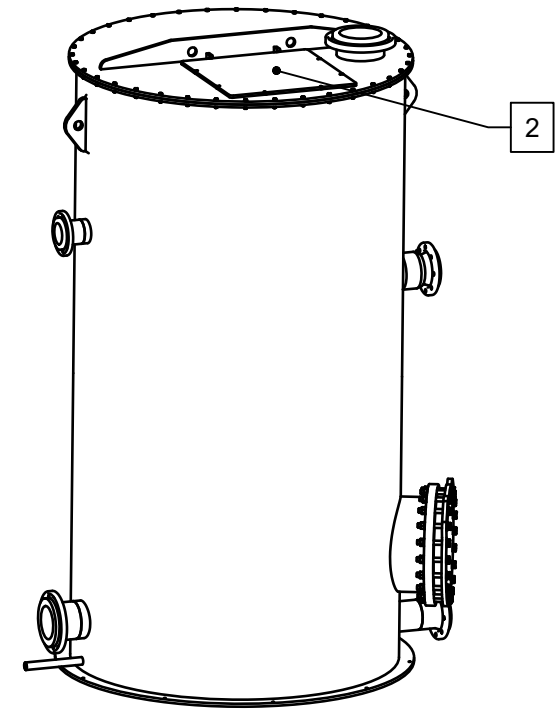
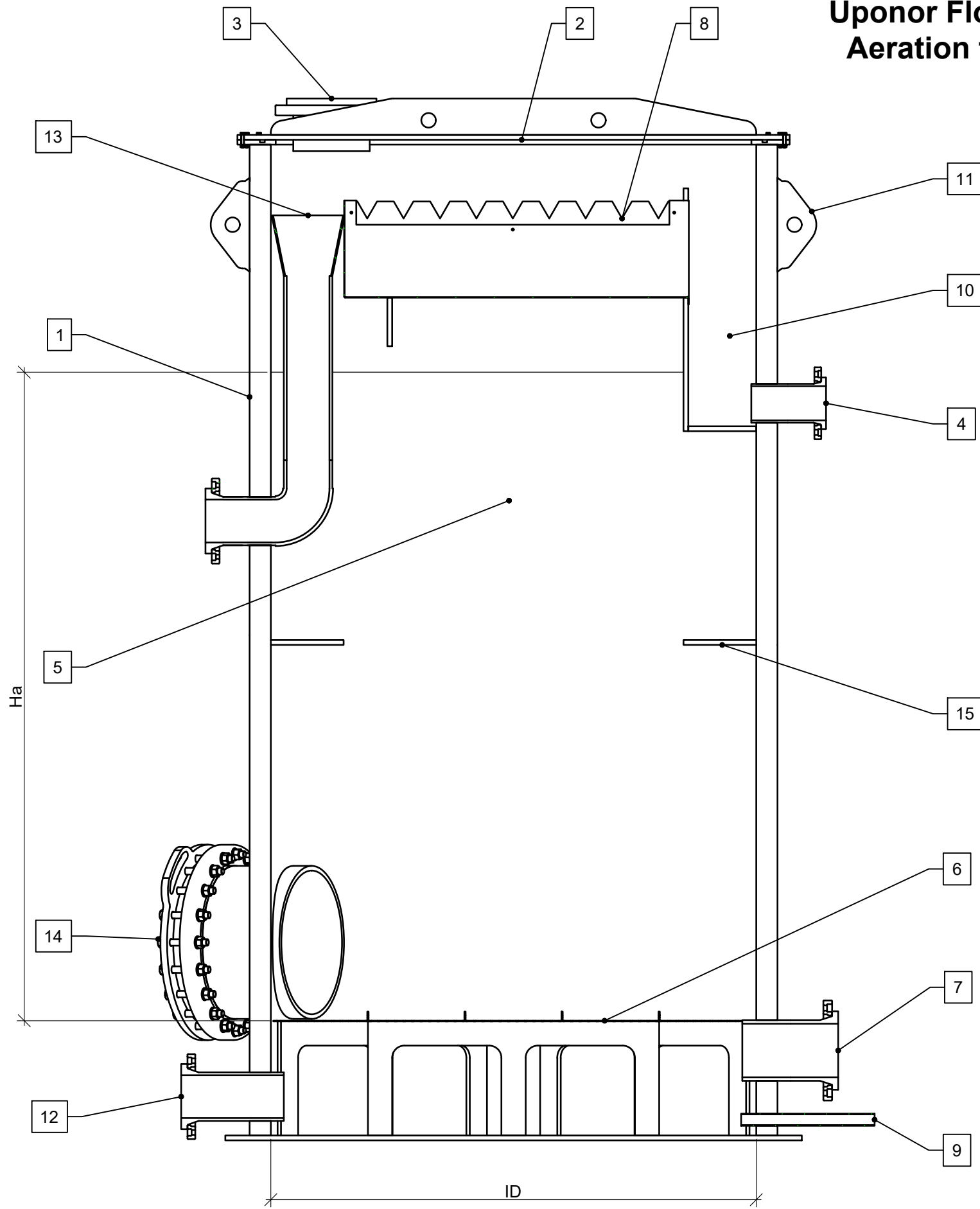
## Aeration Tank

Uponor no 1140525



Uponor Flowise Aeration Tank

### Uponor Flowise Aeration tank



Limestone alcalization tank			
Pos.	Description	Model/Size	Qty.
1	Tank body PE100 ID	( ) 2000 ( ) 2400 ( ) 3000 ( ) 3400 ( ) Other: _____	1
2	Inspection lid. Polycarbonate	( ) 600x600 ( ) 800x800	1
3	Air outlet	DN315	1
4	Raw water Inlet pipe	DN _____	1
5	Cascade aerator volume	Volume: _____ m <sup>2</sup> / Ha: _____ mm	1
6	Bottom grit	AISI 304	1
7	Air inlet	DN: _____	1
8	Adjustable sprinkler weir		1
9	Emptying pipe	DN: _____	1
10	Settlement area		1
11	Lifting yoke		2+
12	Water outlet pipe	DN: _____	1
13	Overflow pipe	DN: _____	1
14	Inspection hatch	DN600 ( ) YES ( ) NO	1
15	Flow direction plate		1



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CASE NUMBER -	DRAWN BY ---	HANDLED BY ---
DATE 09-08-2023	CONTACT PERSON ---	
CONTENT <b>Aeration tank</b>		
SCALE 1:25 (A3)	NUMBER <b>1140525-1</b>	

# Moving > Water

uponor

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