

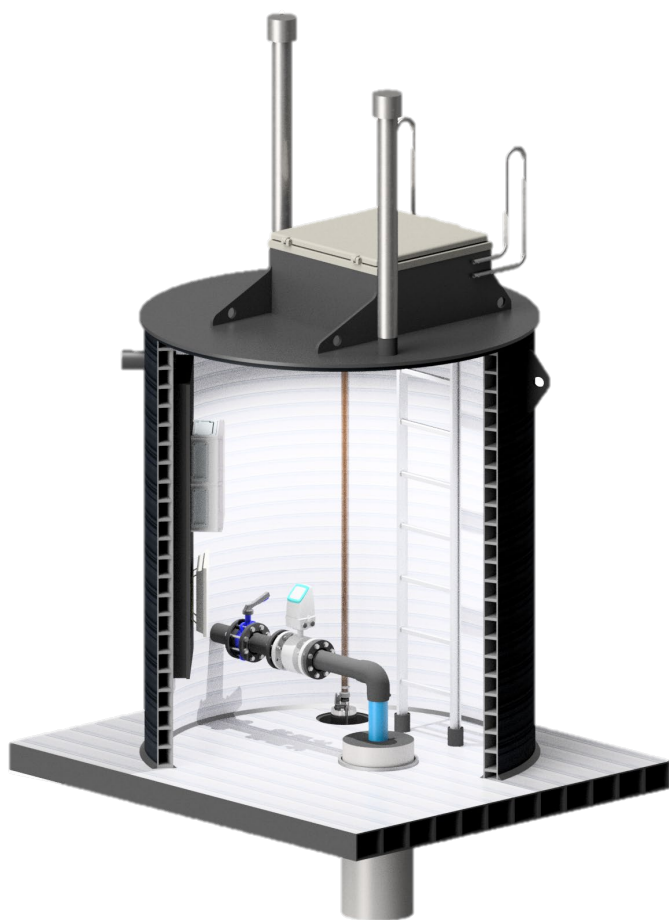
**Uponor Flowise:  
Borehole Protection Chamber**

**Technical Datasheet**

**uponor**



# Uponor Flowise: Borehole Protection Chamber



Robust and watertight underground design.

Lockable plastic or metal lid.

Ready to be installed underground.

Ventilated

## Borehole Protection Chamber

Ground water is part of the water cycle. Water not evaporating or taken up by plants infiltrates into the ground and forms ground water. Ground water is usually of good quality but often contains substances such as iron or manganese. Chemical substances from pesticides and PFAS found in ground water are identified as an emerging problem in certain areas.

A ground water pumping station lifts the water from the ground water source to a level above the ground. Water treatment such as aeration, alkalinization, and disinfection are needed before distribution.

Application	Potable Water System
Material	PE100 (chamber body)
Dimension (ID) chamber body	1000 – 3000 mm
Colour	Black (outside) Light gray (inside)
Standards	EN 13598-2, EN 476
Approvals	Pipe design approved according NPM up to 3000 mm

# Properties and assortment

## System properties

Individually accessorized for the use case. Available options listed in the *Uponor Flowise Borehole Protection chamber* type drawing.

Robust and watertight design with a lockable lid made of either plastic or metal.

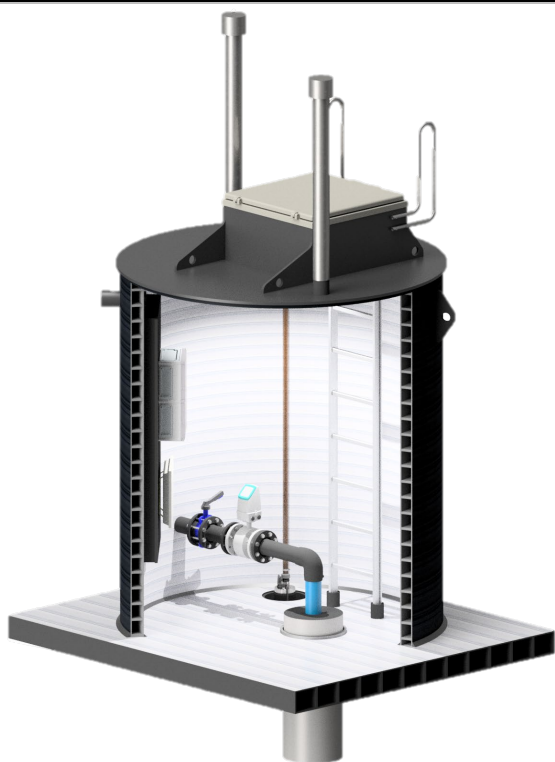
The chamber is ready to be installed underground and be kept invisible to public eye.

The chamber is ventilated.

Can be delivered as ready to install.

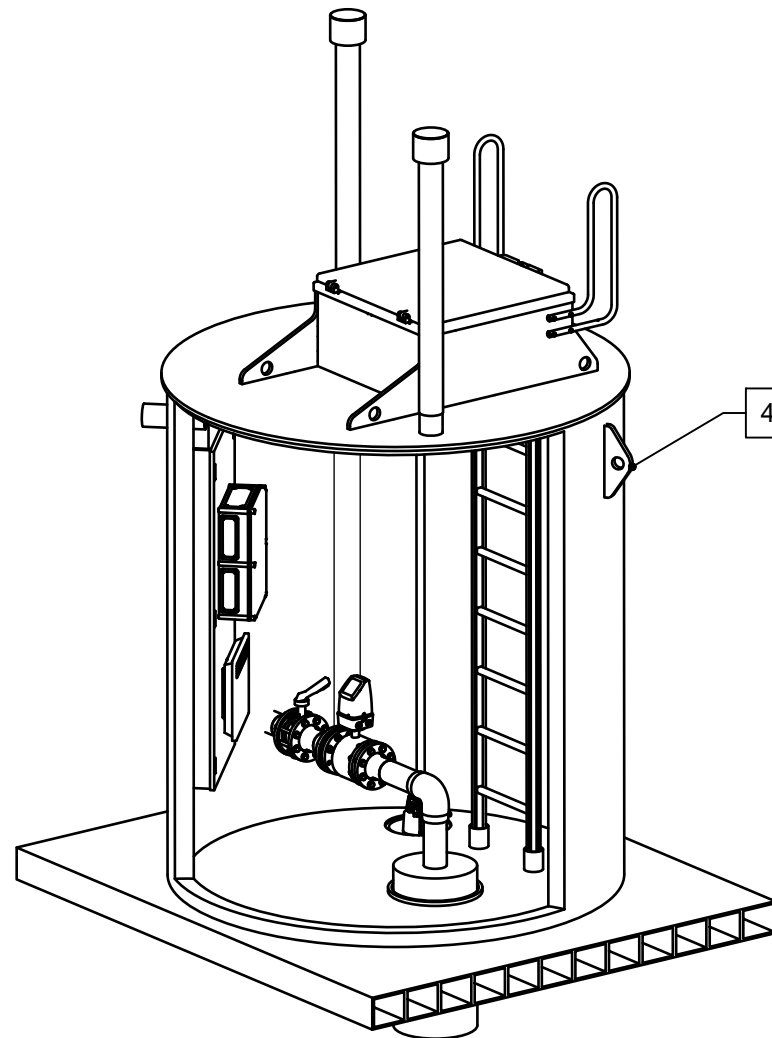
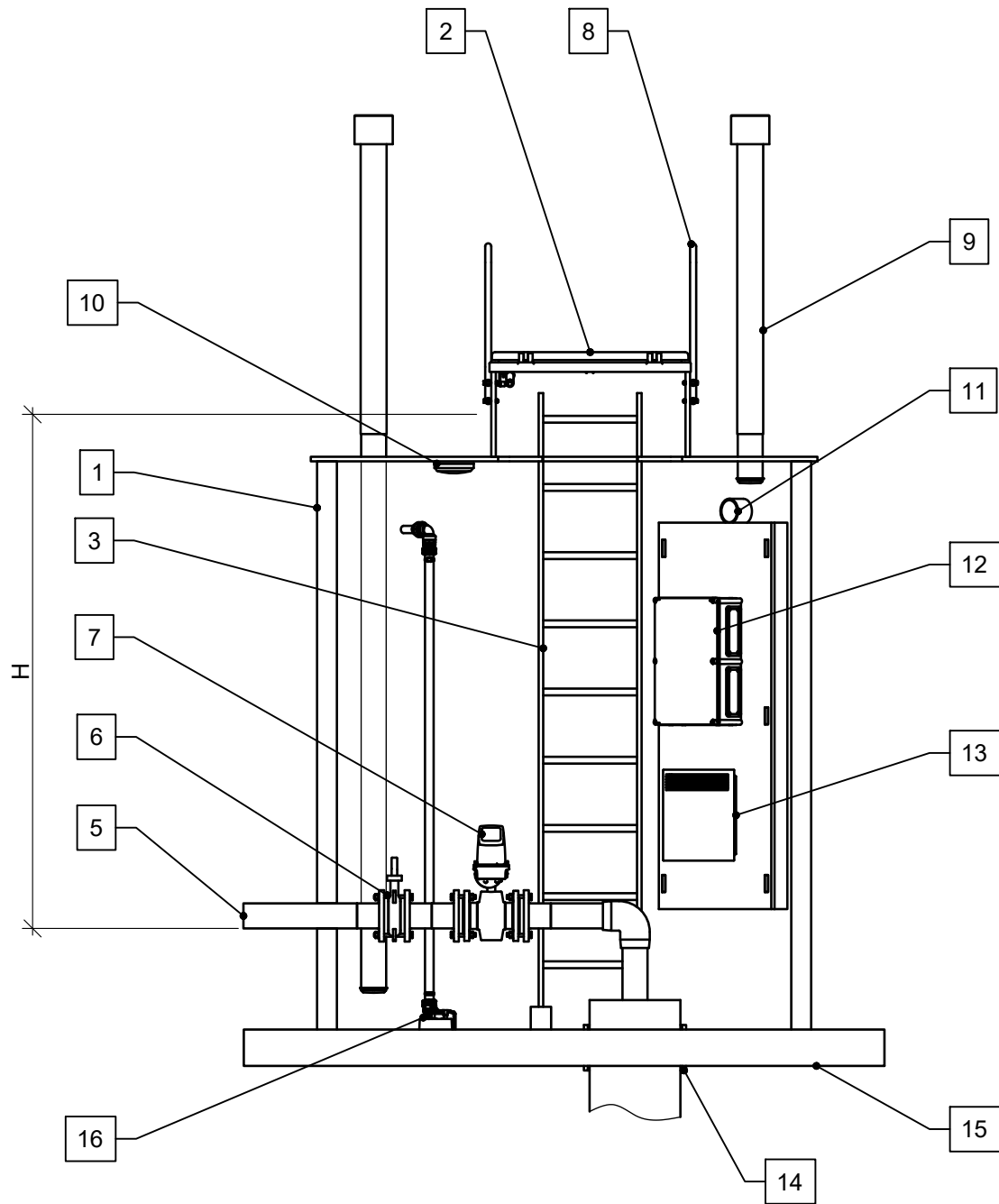
## Borehole Protection Chamber

Uponor no 1140524



Uponor Flowise Borehole Protection Chamber

# Uponor Flowise Borehole Protection Chamber



Selections	
Feature	Selection
Groundwater level below ground	<input type="checkbox"/> YES <input type="checkbox"/> NO _____ m
Pressure pipe depth from ground level	H= _____ mm
Pressure pipe diameter	D= _____ mm

Borehole Protection Chamber			
Pos.	Description	Model/Size	Qty.
1	Chamber body PE100	<input type="checkbox"/> 1000 <input type="checkbox"/> 1200 <input type="checkbox"/> 1250 <input type="checkbox"/> 1400 <input type="checkbox"/> 1600 <input type="checkbox"/> 2000 <input type="checkbox"/> 2400 <input type="checkbox"/> 3000 <input type="checkbox"/> Other: _____	1
2	Chamber top	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> D <input type="checkbox"/> E	1
3	Ladder	<input type="checkbox"/> YES <input type="checkbox"/> NO	0-1
4	Lifting yoke		2-4
5	Pressure pipe OUT		1
6	Valve	<input type="checkbox"/> YES <input type="checkbox"/> NO DN: _____	
7	Flow meter	<input type="checkbox"/> YES <input type="checkbox"/> NO DN: _____	
8	Handrail	<input type="checkbox"/> YES <input type="checkbox"/> NO	
9	Ventilation pipe DN100	<input type="checkbox"/> YES <input type="checkbox"/> NO	'1-2
10	Light LED	<input type="checkbox"/> YES <input type="checkbox"/> NO	
11	Cable passing	DN100	1
12	Electrical cabin installation plate	<input type="checkbox"/> YES <input type="checkbox"/> NO	
13	Heater	<input type="checkbox"/> YES <input type="checkbox"/> NO	
14	Borehole casing pipe passing	DE= _____	1
15	Bottom, self anchoring		1
16	Floor pump KP150	<input type="checkbox"/> YES <input type="checkbox"/> NO	

<input type="checkbox"/> Ø 860/800 <input type="checkbox"/> Safety grit 	<b>A</b>	<input type="checkbox"/> 600X600 aluminium <input type="checkbox"/> 800X800 aluminium 	<b>B</b>
<input type="checkbox"/> Ø600 cast iron 40tn <input type="checkbox"/> Ø630 cast iron 40tn <input type="checkbox"/> Without cast iron cover 	<b>D</b>	<input type="checkbox"/> Ø630 cast iron 40tn 0,75m <input type="checkbox"/> Ø800 cast iron 40tn 0,75m 	<b>E</b>

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CASE NUMBER	DRAWN BY	HANDLED BY
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DATE	CONTACT PERSON	
09-08-2023	---	
CONTENT		
Borehole protection chamber		
SCALE	NUMBER	
1:20 (A3)	1140524-1	

# Moving > Water

**uponor**

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