

Uponor Flowise: Valve Chamber
Technical Datasheet

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Uponor Flowise: Valve Chamber



Increases equipment lifetime.

Reduces maintenance cost and time of a water distribution network.

A natural access point to monitoring, sampling, and chlorination.

Self-anchoring chamber structure.
With anchoring bracket (console version).

Drain pump (optional).

Valve Chamber

Valves are used to open or close the water for a section of the water distribution network where you need to direct flows to a preferred direction. Sections of the network may need to be closed during maintenance or when leakages appear.

A watertight valve chamber protects the valve and its connections to ensure a long equipment lifespan.

It also provides an attractive and natural access point for entering monitoring equipment such as pressure sensors etc. It may also contain sampling point and chlorination point.

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

Comes with valve package according to customer's specification. Available options listed in the *Uponor Flowise Valve chamber* type drawing.

The standard version is self-anchoring.

The console version comes with an anchoring bracket that is molded into a reinforced concrete slab. This reduces the pressure strokes caused by water distribution network.

The console version enables the installation of a fire valve, an air release valve, sampling, and disinfection.

Can be delivered as ready to install.

Valve Chamber

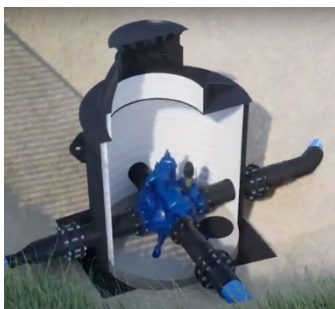
Uponor no 1140529



Self-anchoring chamber structure

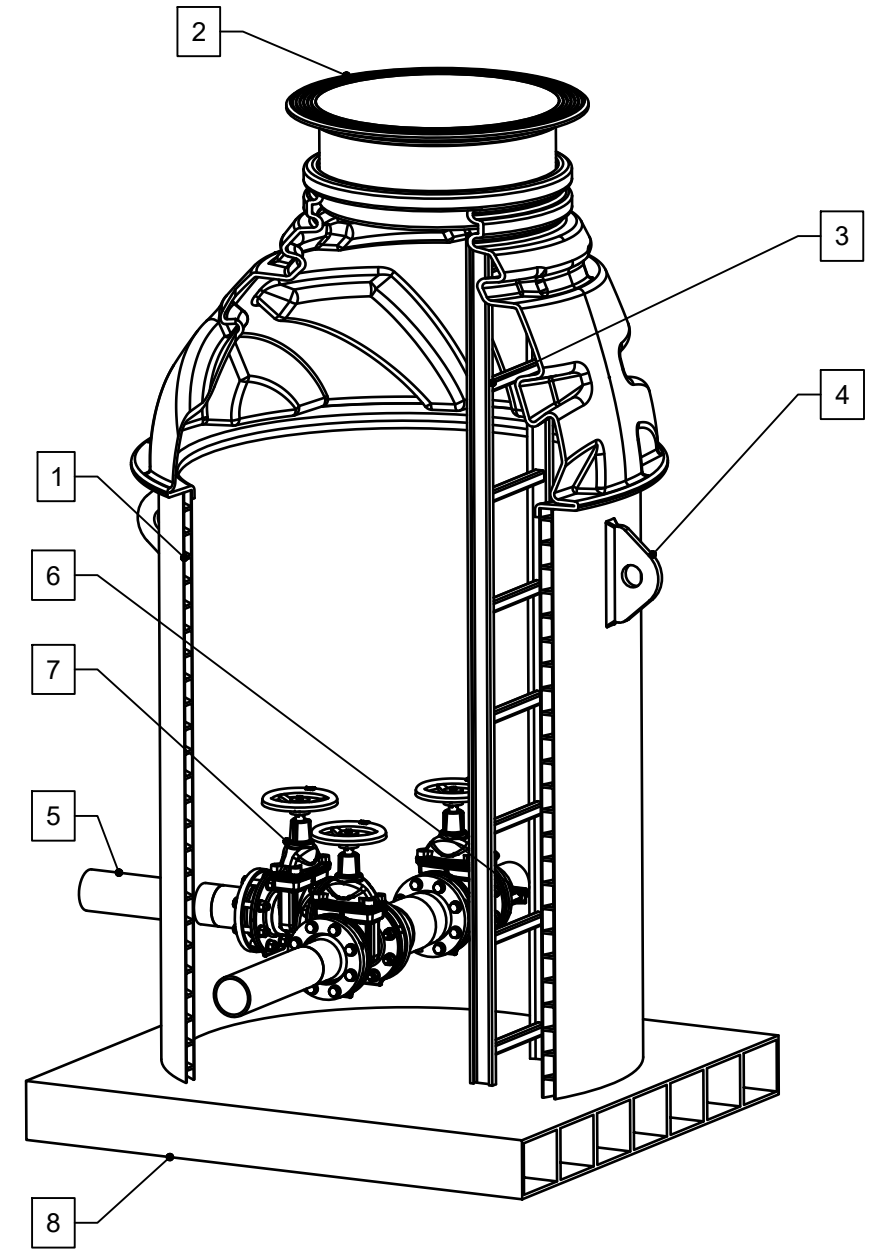
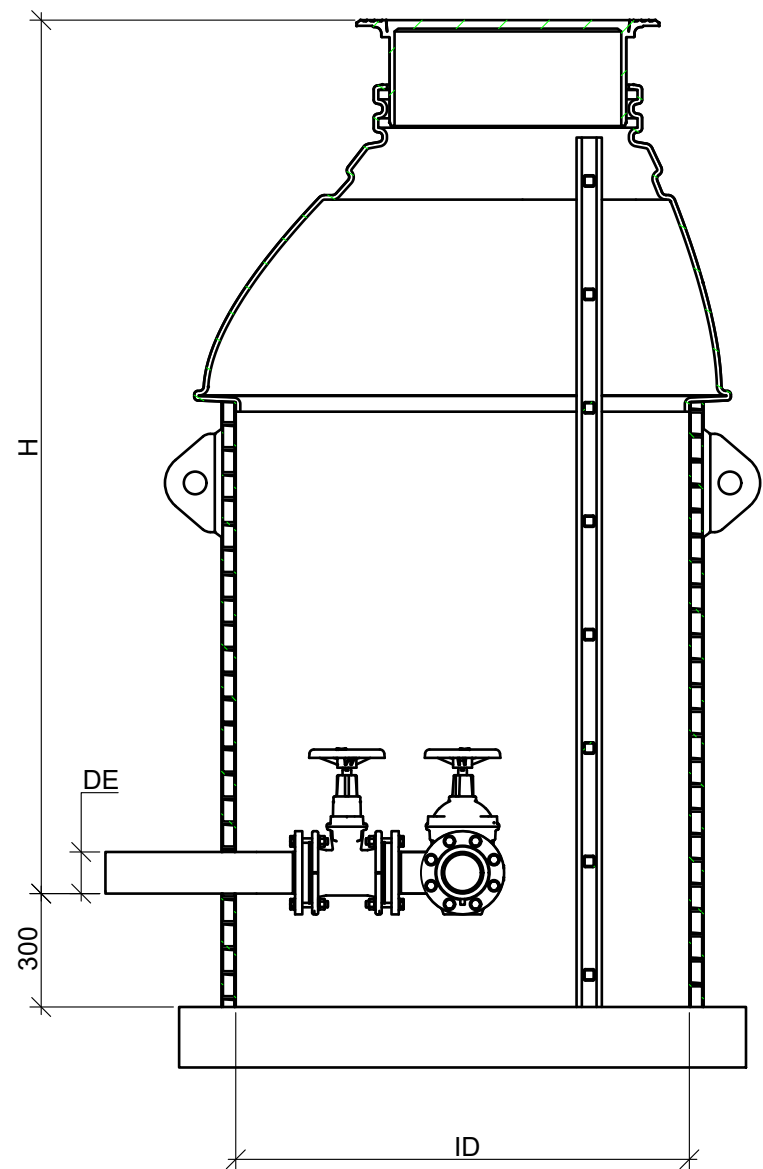
Valve Chamber

Uponor no (defined when ordering)



With anchoring bracket (console version)

Uponor Flowise Valve chamber



Valve chamber			
Pos.	Type:	Model/Size	Qty.
1	Chamber body PE100	() 1000 () 1200 () 1250 () 1400 () 1600 () 2000 () 2400 () 3000 () Other: _____	1
2	Chamber top	() A () B () D () E	1
3	Ladder	() YES () NO () Handrail	0-1
4	Lifting yoke		2-4
5	Pressure pipe	Acc. selection	1
6	Flange adaptor	() YES () NO	
7	Valve	Acc. selection	1-2
8	Bottom, self anchoring		1

Selections	
Feature	Selection
Groundwater level above invert	() NO () YES _____ m
Pressure pipe depth from ground level	H= _____ mm
Pressure pipe diameter	D= _____ mm
Valve type	() Butterfly valve () Gate valve
Pressure gauge*	() YES () NO
Spool valve + connection	() YES () NO

Chamber top

<input type="checkbox"/> Ø 860/800 <input type="checkbox"/> Safety gridd	A	<input type="checkbox"/> 600X600 aluminium <input type="checkbox"/> 800X800 aluminium	B		1
				TYPE _____ DN _____	
<input type="checkbox"/> Ø600 cast iron 40tn <input type="checkbox"/> Ø630 cast iron 40tn <input type="checkbox"/> Without cast iron cover	D	<input type="checkbox"/> Ø630 cast iron 40tn 0,75m <input type="checkbox"/> Ø800 cast iron 40tn 0,75m	E		2
				TYPE _____ DN _____	
					3
				TYPE _____ DN _____	

Connection types according to plan.

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CASE NUMBER	DRAWN BY	HANDLED BY
DATE	CONTACT PERSON	
CONTENT		
Valve chamber		
SCALE	NUMBER	
1:20 (A3)	1140529-1	

Moving > Water

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