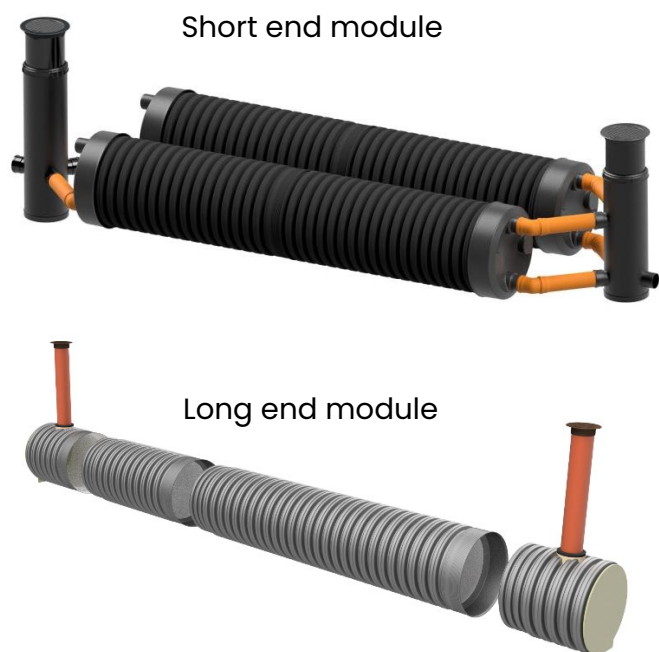




# Uponor IQ Tanks



- Modular structure – easy to design, short delivery time, and fast to install
- Fixed socket sealing: a high-quality, watertight, safe, and environmentally friendly solution
- Strong structure stands well heavy loadings – guarantees a long lifetime and is an overall economic investment
- Easy maintenance via the inspection pipes. Open inner structure guarantees a long lifetime.
- Inspection chamber has a 315mm manchette sealing, inspection pipe and cover.
- Light-coloured inner wall: easy to inspect

## Uponor modular IQ Tank

The Uponor modular IQ tank solution has a wide range of possible usages: as stormwater retention tanks, expanding the stormwater network, over-flow tank, or storage tank for fire extinguishing water. Tanks are suitable for small properties as well as for parking areas or commercial properties.

The durable polypropylene (PP) stormwater tank walls have a durable double-wall structure where the dark-coloured outer wall is corrugated, and the light-coloured inner wall has a smooth surface.

The Uponor modular IQ Tank is easily supplemented with other Uponor products such as stormwater chambers.

Application	Storm water management
Material	Polypropylene (PP)
Dimensions	800, 1000, and 1200 mm
Connections	By drilling and rubber sealing
Jointing	Spigot/socket joint
Fittings	Double sockets, bends, T-branches
Ventilation	Outlet if necessary
Overflow	Outlet if necessary
Colour	Black/light grey
Standards	Ring stiffness SN8

# Properties and assortment

## System properties

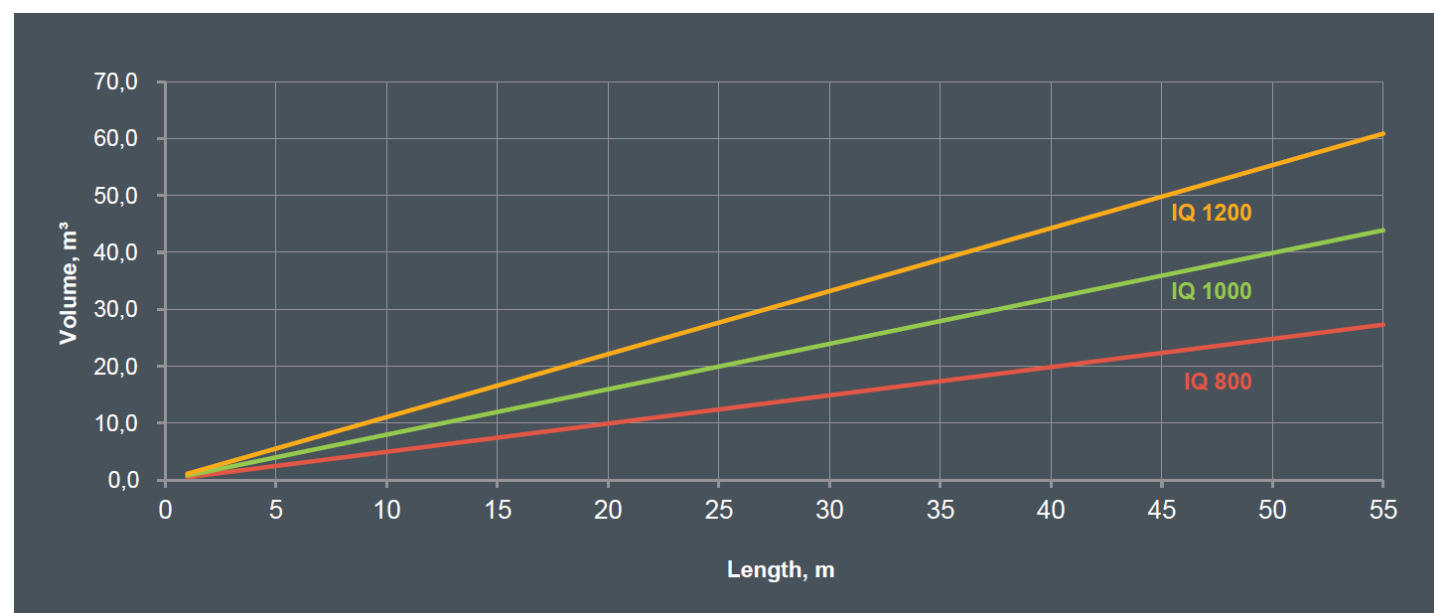
The system consists of pipe modules and end modules (long or short) that enable the designing and building of tanks in various sizes. Tanks can be built in any system length if there are enough inspection pipes assembled. It is also possible to mount several tanks side by side.

The long end modules are sold as pairs; one with a spigot end and the other with a socket. Both end modules are equipped with connections for inspection pipes.

The short end modules are sold as singular in diameter 110 connections.

Please note! For long end modules the normal IQ sealing is used but for the short end modules a sealing for installation on top of the pipe profile is used. Also, anchoring may be required for low installation depths. Refer to Uponor installation guideline for details.

See graph below for pipe dimension, pipe length (m) and flow volume (m<sup>3</sup>) relations.



Uponor no	Nominal diameter mm	Inner/Outer diameter mm	Type	Length m	Volume m <sup>3</sup> /m	Total volume m <sup>3</sup>
1144457	800	902/800	IQ tank pipe, with socket	2,8	0,5	1,3
1144458	800	902/800	IQ tank pipe, with socket	6	0,5	2,9
1091945	800	902/800	Long end modules (2 pcs), 315 riser sockets	1,4	0,5	1,3
1051771	800	-	Rubber sealing for long end modules	-	-	-
1133862	800	902/800	Short end module (1 pcs)	-	-	-
1141506	800	-	Rubber sealing for short end module	-	-	-
1144459	1000	1154/1000	IQ tank pipe, with socket	2,7	0,8	2,1
1144460	1000	1154/1000	IQ tank pipe, with socket	6	0,8	4,7
1091946	1000	1154/1000	Long end modules (2 pcs), 315 riser sockets	1,35	0,8	2,1
1144332	1000	1154/1000	Long end modules (2 pcs), 600 riser sockets	1,35	0,8	2,1
1051772	1000	-	Rubber sealing for long end modules	-	-	-
1133863	1000	1154/1000	Short end module (1 pcs)	-	-	-
1141507	1000	-	Rubber sealing for short end module	-	-	-
1144461	1200	1360/1200	IQ tank pipe, with socket	2,6	1,1	2,9
1144462	1200	1360/1200	IQ tank pipe, with socket	5,8	1,1	6,3

Uponor no	Nominal diameter mm	Inner/Outer diameter mm	Type	Length m	Volume m <sup>3</sup> /m	Total volume m <sup>3</sup>
1091947	1200	1360/1200	Long end modules (2 pcs), 315 riser sockets	1,3	1,1	2,9
1144333	1200	1360/1200	Long end modules (2 pcs), 600 riser sockets	1,3	1,1	2,9
1051773	1200	-	Rubber sealing for long end modules	-	-	-

# Moving > Water

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